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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Rene Hen et al.
Serial No.	:	10/764,068
Filed	:	January 22, 2004
For	:	BRAIN PROGENITOR CELL-BASED ASSAY, AND RELATED METHODS AND COMPOSITIONS

1185 Avenue of the Americas
New York, New York 10036
December 8, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In compliance with their duty of disclosure under 37 C.F.R. §1.56, applicants direct the Examiner's attention to the following references, which are listed on the accompanying form PTO-1449 (**Exhibit A**). Copies of cited publications 1-87 are attached hereto as **Exhibits 1-87** respectively.

1. Aberg, M. A., Aberg, N. D., Hedbacker, H., Oscarsson, J., and Eriksson, P. S. (2000). Peripheral infusion of IGF-I selectively induces neurogenesis in the adult rat hippocampus. J Neurosci *20*, 2896-903; (**Exhibit 1**)

2. Altman, J. (1962). Are new neurons formed in the brains

of adult mammals? Science *135*, 1127-1128; (**Exhibit 2**)

3. Altman, J., and Das, G. D. (1965). Autoradiographic and histological evidence of postnatal hippocampal neurogenesis in rats. J Comp Neurol *124*, 319-335; (**Exhibit 3**)

4. Altman, J., and Das, G. D. (1966). Autoradiographic and histological studies of postnatal neurogenesis. I. A longitudinal investigation of the kinetics, migration and transformation of cells incorporating tritiated thymidine in neonate rats, with special reference to postnatal neurogenesis in some brain regions. J Comp Neurol *126*; (**Exhibit 4**)

5. Bannerman, D. M., Deacon, R. M., Offen, S., Friswell, J., Grubb, M., and Rawlins, J. N. (2002). Double dissociation of function within the hippocampus: spatial memory and hyponeophagia. Behav Neurosci *116*, 884-901; (**Exhibit 5**)

6. Benraiss, A., Chmielnicki, E., Lerner, K., Roh, D., and Goldman, S. A. (2001). Adenoviral brain-derived neurotrophic factor induces both neostriatal and olfactory neuronal recruitment from endogenous progenitor cells in the adult forebrain. J Neurosci *21*, 6718-31; (**Exhibit 6**)

7. Blanchard, R. J., and Blanchard, D. C. (1969). Crouching as an index of fear. J Comp Physiol Psychol *67*, 370-5;

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8. Blanchard, R. J., and Blanchard, D. C. (1969). Passive and active reactions to fear-eliciting stimuli. J Comp Physiol Psychol *68*, 129-35; (**Exhibit 8**)

9. Blier, P., and de Montigny, C. (1994). Current advances and trends in the treatment of depression. Trends Pharmacol Sci *15*, 220-6; (**Exhibit 9**)

10. Bodnoff, S. R., Suranyi-Cadotte, B., Aitken, D. H., Quirion, R., and Meaney, M. J. (1988). The effects of chronic antidepressant treatment in an animal model of anxiety. Psychopharmacology *95*, 298-302; (**Exhibit 10**)

11. Bodnoff, S. R., Suranyi-Cadotte, B., Quirion, R., and Meaney, M. J. (1989). A comparison of the effects of diazepam versus several typical and atypical anti-depressant drugs in an animal model of anxiety. Psychopharmacology *97*, 277-9; (**Exhibit 11**)

12. Bremner, J. D., Randall, P., Vermetten, E., Staib, L., Bronen, R. A., Mazure, C., Capelli, S., McCarthy, G., Innis, R. B., and Charney, D. S. (1997). Magnetic resonance imaging-based measurement of hippocampal volume in posttraumatic stress disorder related to childhood physical and sexual abuse--a preliminary report. Biol Psychiatry *41*, 23-32; (**Exhibit 12**)

13. Cameron, H. A., and McKay, R. D. (2001). Adult

neurogenesis produces a large pool of new granule cells in the dentate gyrus. J Comp Neurol *435*, 406-17; (**Exhibit 13**)

14. Chen, G., Rajkowska, G., Du, F., Seraji-Bozorgzad, N., and Manji, H. K. (2000). Enhancement of hippocampal neurogenesis by lithium. J Neurochem *75*, 1729-34; (**Exhibit 14**)

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factor produces antidepressant effects in behavioral models of depression. J Neurosci *22*, 3251-61; (**Exhibit 76**)

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Proc Natl Acad Sci U S A *98*, 5874-9. (**Exhibit 87**)

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

Applicants are filing this Information Disclosure Statement under 37 C.F.R. §1.97(b)(3) before the mailing of a first Office Action on the merits. Accordingly, no fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if a fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 67780/JPW/AJM/NS	Serial No. 10/764,068
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant Rene Hen et al.	
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U.S. PATENT DOCUMENTS

x Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Aberg, M. A., Aberg, N. D., Hedbacker, H., Oscarsson, J., and Eriksson, P. S. (2000). Peripheral infusion of IGF-I selectively induces neurogenesis in the adult rat hippocampus. J Neurosci *20*, 2896-903; (Exhibit 1)
	2	Altman, J. (1962). Are new neurons formed in the brains of adult mammals? Science *135*, 1127-1128; (Exhibit 2)
	3	Altman, J., and Das, G. D. (1965). Autoradiographic and histological evidence of postnatal hippocampal neurogenesis in rats. J Comp Neurol *124*, 319-335; (Exhibit 3)

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	5	Bannerman, D. M., Deacon, R. M., Offen, S., Friswell, J., Grubb, M., and Rawlins, J. N. (2002). Double dissociation of function within the hippocampus: spatial memory and hyponeophagia. Behav Neurosci *116*, 884-901; (Exhibit 5)
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	7	Blanchard, R. J., and Blanchard, D. C. (1969). Crouching as an index of fear. J Comp Physiol Psychol *67*, 370-5; (Exhibit 7)
	8	Blanchard, R. J., and Blanchard, D. C. (1969). Passive and active reactions to fear-eliciting stimuli. J Comp Physiol Psychol *68*, 129-35; (Exhibit 8)
	9	Blier, P., and de Montigny, C. (1994). Current advances and trends in the treatment of depression. Trends Pharmacol Sci *15*, 220-6; (Exhibit 9)
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	11	Bodnoff, S. R., Suranyi-Cadotte, B., Quirion, R., and Meaney, M. J. (1989). A comparison of the effects of diazepam versus several typical and atypical anti-depressant drugs in an animal model of anxiety. Psychopharmacology *97*, 277-9; (Exhibit 11)
	12	Bremner, J. D., Randall, P., Vermetten, E., Staib, L., Bronen, R. A., Mazure, C., Capelli, S., McCarthy, G., Innis, R. B., and Charney, D. S. (1997). Magnetic resonance imaging-based measurement of hippocampal volume in posttraumatic stress disorder related to childhood physical and sexual abuse--a preliminary report. Biol Psychiatry *41*, 23-32; (Exhibit 12)

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